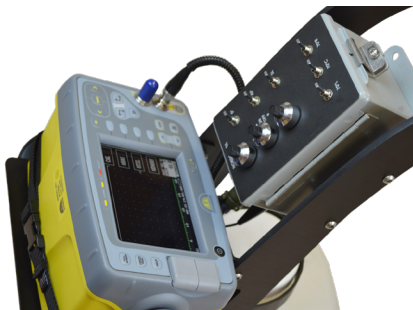


MultiPass Ultrasonic A-Scan Inspection Trolley



Key Features

- A-Scan display
- Two fully independent gates for echo monitoring with start and width adjustable over full range of unit
- Amplitude variable from 0 to 100% full screen height
- Bar presentation
- Positive triggering for gate 1
- Negative triggering for gate 2
- Inspection wheel with six transducers
- Integrated Couplant delivery system with hose quick disconnect



The integrated display includes two independent gates for echo monitoring.



MultiPass inspection wheel includes six transducers for full rail inspection coverage.

Portable and Flexible Rail Inspection

The completely portable MultiPass rail inspection system performs a full ultrasonic inspection on a single rail. The system features a single channel digital ultrasonic flaw detector with two fully independent gates for echo monitoring (each with audible and visual alarms).

Full Range of Transducers

The MultiPass rail inspection system includes a full range of inspection transducers, including:

- One zero crystal for both **web coverage** and **base detection**
- One 45-degree crystal for **full rail web coverage**
- Three 70-degree crystals for **full head coverage**, including field, center and gauge
- One side-looking crystal for **longitudinal cross-rail coverage**

Light and Durable

The MultiPass system features an aluminum casing, making it lightweight for transporting and usage, as well as extremely durable.

Handles any Gauge Size & ideal for Plug Rail

Since the MultiPass system tests a single rail at a time, it is ideal for use with any gauge size. In addition, the MultiPass system is perfect for testing plug rail.

Product Specifications

Category	Specification	Value
Technology	UT Signal Processor	Single-Channel Sonatest SiteScan 150 or equivalent
	Detector Wheel Technology	XL 6-7 Rolling Search Unit (RSU) Transducers: (3) 70°, (1) 45°, (1) 0° + (1) side lookers
	Rail Capture	Non-retracting Rollers
Capacities	Couplant Capacity	2 gal (7.6 l) with hose quick disconnect
	Weight	48 lbs (22 kg)
Environmental	Operating Range	20 - 90 °F (-7 - 32 °C), light rain



Rail Testing Trolley

- Front and Rear guide wheels to align RSU to center of rail
- Air cylinder pack to ensure proper contact of test wheel to top of rail
- Connection cables to all probes, gripper handle for single-handed operation
- Control box to allow selection of probes and provide adjustment for transducer balancing
- Integrated water tank with distribution hose
- Hose quick disconnect to and from the trolley for easy filling of the couplant tank

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